

TITLE: Process for Recovering Paraxylene
Utilizing Ammonia Absorption Refrigeration
INVENTORS: Jeffrey A. Amelse
SHEET: 1 of 6
CASE #: 37,370
ATTY: Nirav Patel

Figure 1 Isolating Mixed Xylenes From Reformate

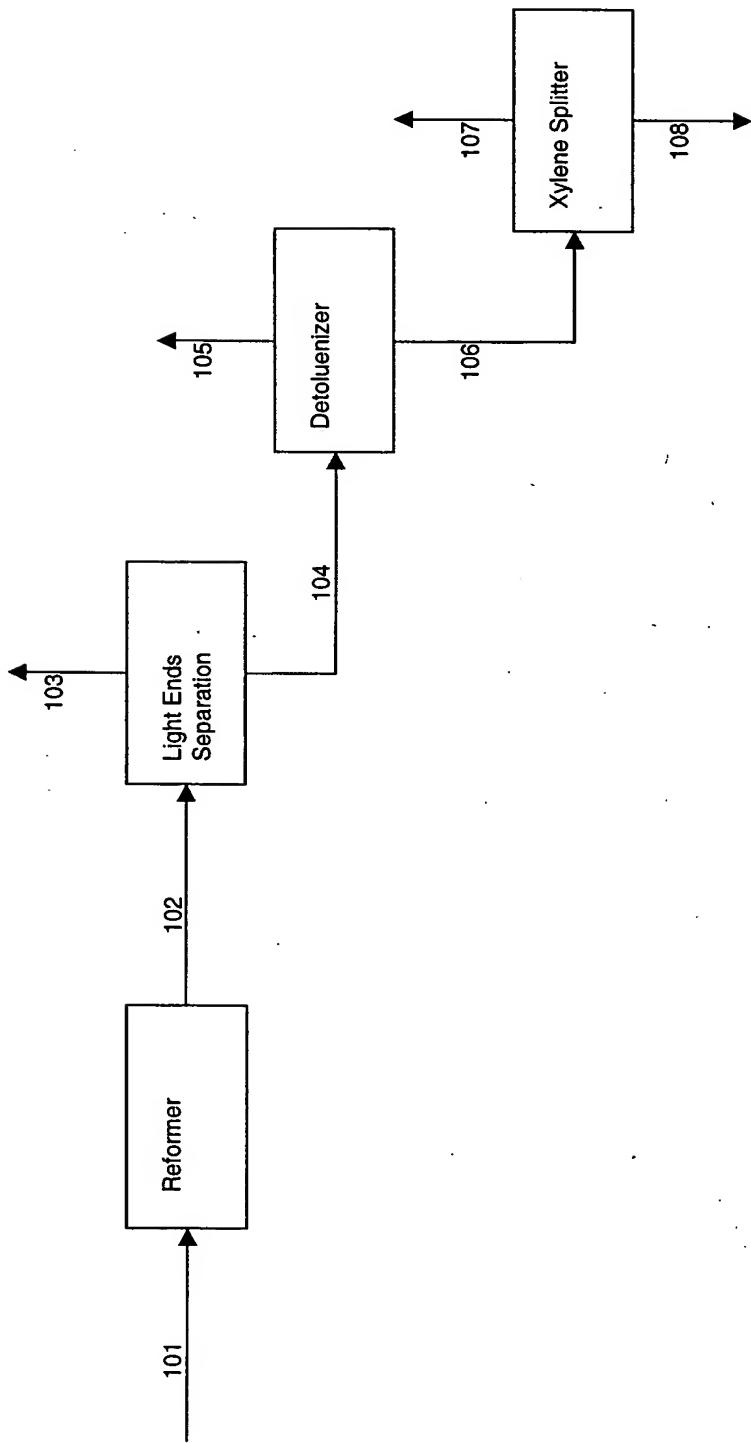


Figure 2
Generic Xylene Isomerization Process

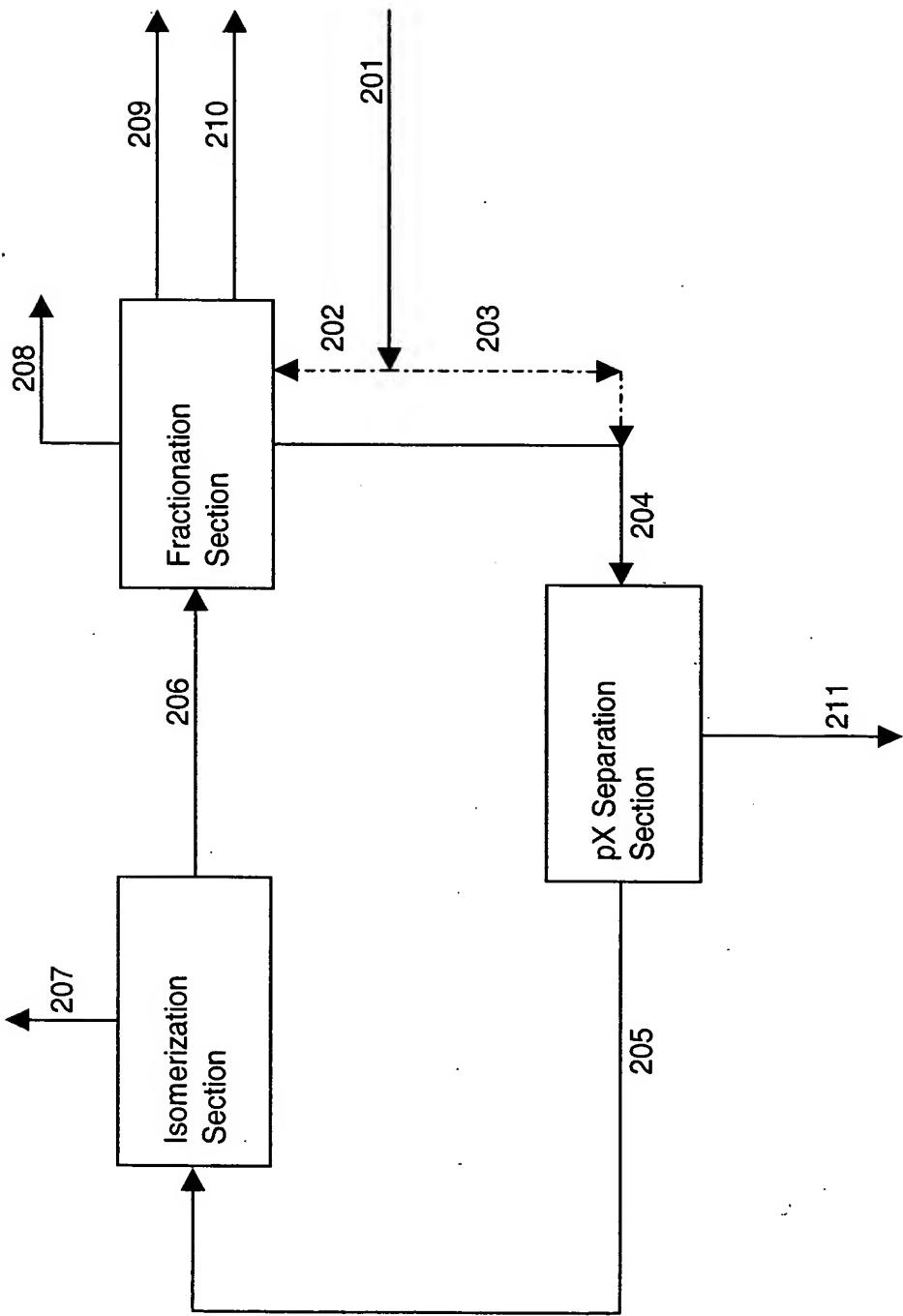


Figure 3
Three Stage pX Crystallization Section
Stage 1 Recovery Stage
Stage 2 Product Stage
Stage 3 Efficiency Stage

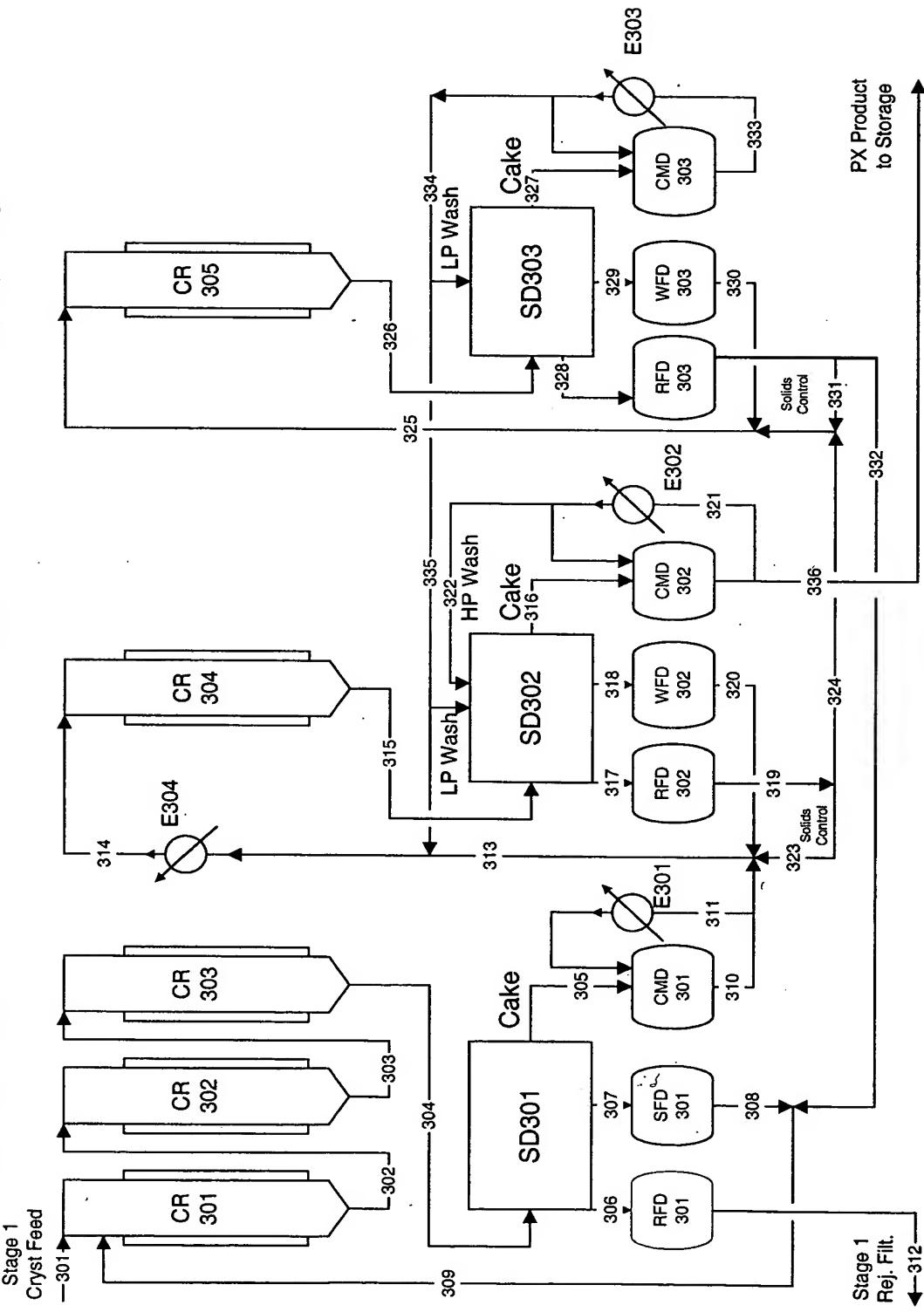


Figure 4
Three-Stage Crystallization Ethylene Refrigeration Loop

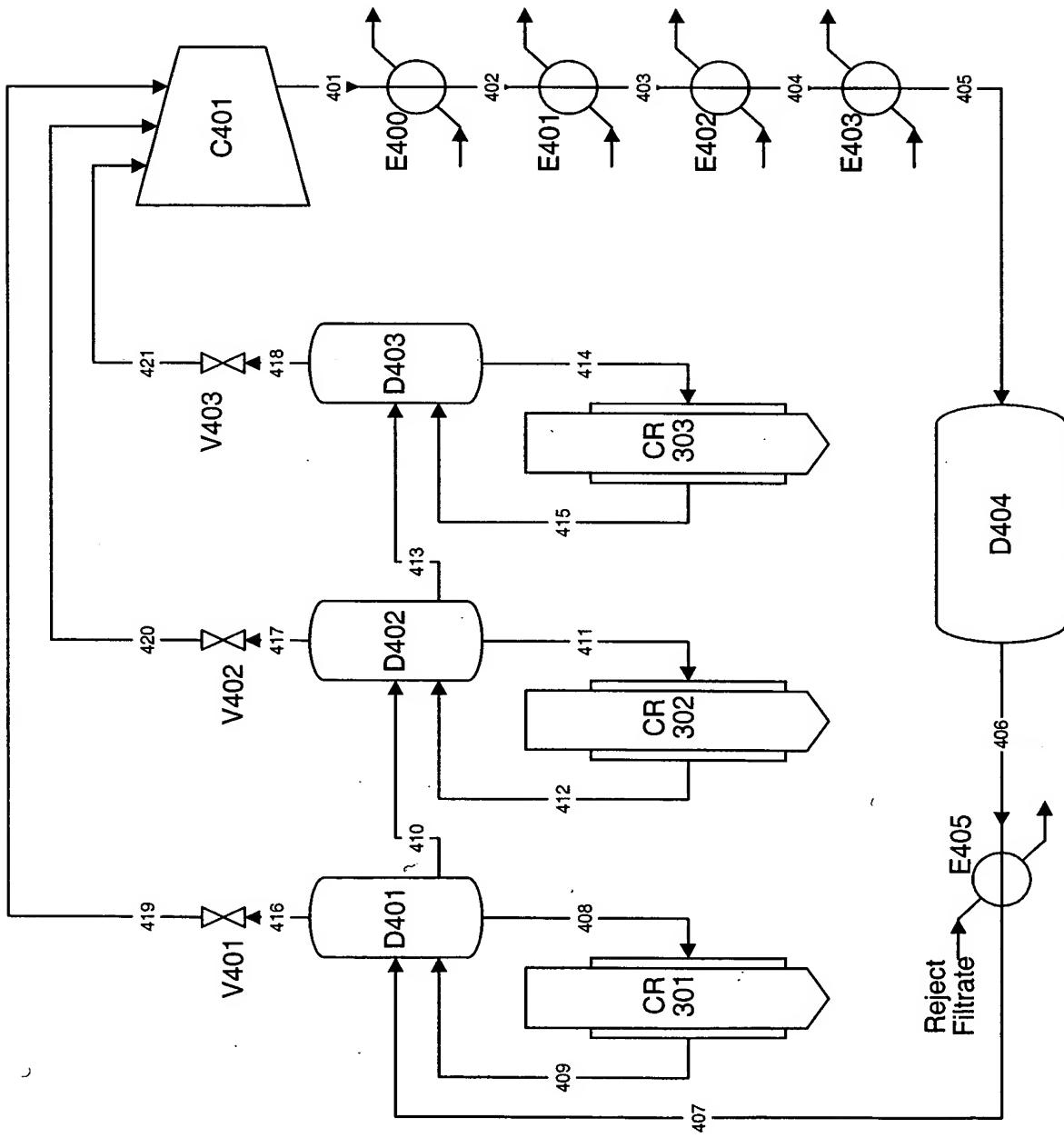


Figure 5
Crystallization Section for Recovering PX From STDP Xylenes

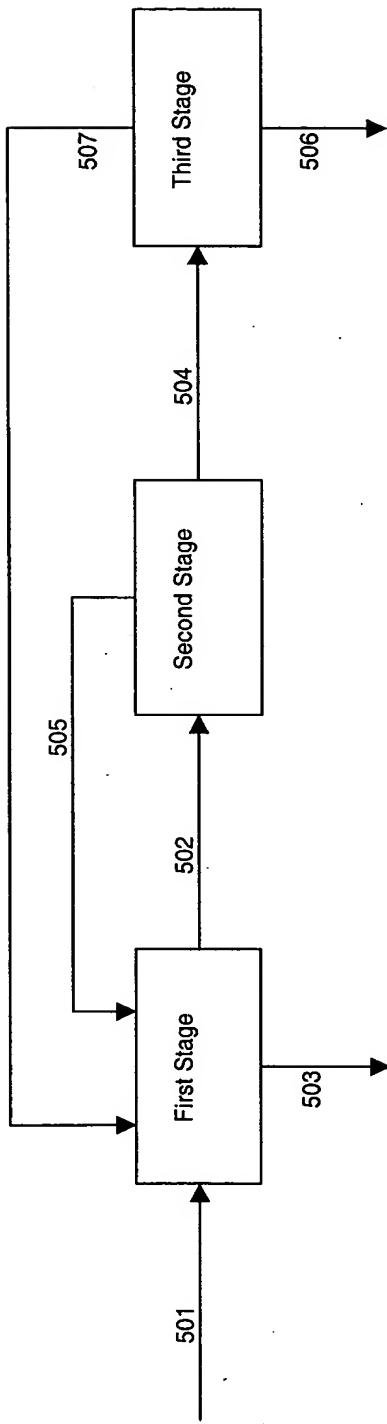


Figure 6
Single Stage AAR Process

